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Atty. Docket No.: 25436/2155 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Application of: | Hogrefe, et al. | Examiner: | Hutson, R.G. |
| Serial No.: | 10/079,241 | | |
| Filed: | February 20, 2002 | Group Art Unit: | 1652 |
| Entitled: | High Fidelity DNA Polymerase Compositions and Uses Therefor | Conf. No.: | 7186 |

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen M. Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

**Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

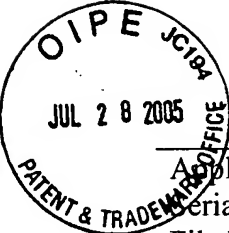
1. Information Disclosure Statement;
2. Form PTO-1449;
3. Copies of Cited References; and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 25436/2155. A duplicate of this transmittal letter is enclosed for this purpose.

Date: 7/26/05

Respectfully submitted,

Name: Kathleen M. Williams
Registration No.: 34,380
Customer No.: 27495
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100



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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents in the list.

Pursuant to CFR § 1.97(e)(1), each item contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application or International application. Because this statement is being filed within three months of receipt of the Search Report, no fee is believed to be due. A copy of the Search Report is included and cited on the enclosed PTO-1449.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Date: 7/26/05

Respectfully submitted,

Name: Kathleen M. Williams
Registration No.: 34,380
Customer No.: 27495
Palmer & Dodge LLP
111 Huntington Avenue
Boston, MA 02199-7613
Tel: 617-239-0100



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| USPTO Form 1362 Patent and Trademark Office | | | | U.S. Department of Commerce | | Attorney Docket No. 25436/2155 | | Serial No. 10/079,241 | |
| INFORMATION DISCLOSURE STATEMENT | | | | | | Applicant(s): Hogrefe, et al. | | | |
| | | | | | | Filing Date: February 20, 2002 | | Group: 1645 | |
| U.S. PATENT DOCUMENTS | | | | | | | | | |
| Examiner Initial | | Patent No. | Date | Name | Class | Subclass | Filing Date (if appropriate) | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | | |
| Examiner Initial | | Document No. | Publication Date | Country | Class | Subclass | Translation | | |
| | | | | | | | YES | NO | |
| | 1. | EP 1 132 474 A1 | 12 Sept. 2001 | Europe | C12N | 15/52 | | | |
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| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | | |
| | 2. | Bohlke, et al.; "PCR performance of the B-type DNA polymerase from the thermophilic euryarchaeon Thermococcus aggregans improved by mutations in the Y-GG/A motif"; 2000; <u>Nucleic Acids Research</u> ; 28(20): 3910-3917. | | | | | | | |
| | 3. | Mattila, et al.; "Fidelity of DNA synthesis by the Thermococcus litoralis DNA polymerase-an extremely heat stable enzyme with proofreading activity"; 1991; <u>Nucleic Acids Research</u> ; 19(18): 4967-4973. | | | | | | | |
| | 4. | Gardner, et al.; "Determinants of nucleotide sugar recognition in an archaeon DNA polymerase"; 1999; <u>Nucleic Acids Research</u> ; 27(12): 2545-2553. | | | | | | | |
| | 5. | Copy of European Search Report dated 23 May 2005. | | | | | | | |
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| EXAMINER | | | | | | DATE CONSIDERED | | | |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | | | | |
| **Copies of references not provided at the time of this submission. | | | | | | | | | |